

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 117226 PEL		FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/SE 2003/001348		International filing date (day/month/year) 01.09.2003	Priority date (day/month/year) 02.09.2002
International Patent Classification (IPC) or national classification and IPC A62B 35/00			
Applicant Act Safe Systems AB et al			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (sent to the applicant and to the International Bureau) a total of <u>3</u> sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>			
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>			
Date of submission of the demand 15.03.2004		Date of completion of this report 19.11.2004	
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88		Authorized officer  Hans Nordström/EK Telephone No. +46 8 782 25 00	

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☐ the international application as originally filed/furnished
- ☒ the description:

pages 1 - 23 \_\_\_\_\_ as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☒ the claims:
- pages \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- pages\* 25 - 27 received by this Authority on 12.11.2004
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☒ the drawings:
- pages 1 - 5 \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE 2003/001348

**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	<u>1-11</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-11</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-11</u>	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

Cited document:

D1: US3869021 A

D1 is considered to represent the most relevant prior art cited in the International Search Report.

D1 reveals a mounting plate which corresponds with the preamble of claim 1 and a safety device which corresponds with the preamble of claim 11.

The invention according to claims 1 and 11 differs from the art known from D1 in the sense that the mounting plate is plane in its extend and that, via the first opening and the second opening, is arranged in the harness in such a way that the mounting plate, when in use, juts out essentially at right angles from the body of the user, and extends in a vertical direction. The second opening is arranged as to be located, when in use, at a second distance in the vertical direction from the first opening.

Therefore the invention according to the claims is novel. The invention according to the claims is also considered to involve an inventive step and to be industrially applicable.

## CLAIMS

1. Mounting plate (1) intended for use together with a harness (2), the mounting plate (1) comprising a first opening (8) and a second opening (9), wherein a first part (7) of the harness (2) being arranged in the first opening (8) and a second part (6) of the harness (2) being arranged in the second opening (9), characterized in that the mounting plate (1) is plane in its extent and that, via the first opening (8) and the second opening (9), is arranged in the harness (2) in such a way that the mounting plate (1), when in use, juts out essentially at right angles from the body of a user (10) and extends in a vertical direction and where the second opening (9) is arranged so as to be located, when in use, at a second distance in the vertical direction (23) from the first opening (8).

2. Mounting plate (1) according to claim 1, characterized in that the mounting plate (1) comprises a third opening (17) at a distance from the first opening (8) and the second opening (9), the securing devices (18) for tools or rope being intended to be arranged in the third opening (17).

3. Mounting plate (1) according to claim 2, characterized in that the third opening (17) is arranged so as to be located, when in use, at a first distance in the vertical direction (21) from the first opening (8).

4. Mounting plate (1) according to claim 2 or 3, characterized in that the third opening (17) is arranged so as to be located, when in use, at a first distance in the horizontal direction (22) from the second opening (9).

5. Mounting plate (1) according to any one of the preceding claims, characterized in that the mounting plate (1) is configured with additional openings (24).
- 5 6. Mounting plate (1) according to any one of the preceding claims, characterized in that the mounting plate (1), when in use, has a first edge part (11) on the down side of the mounting plate (1), viewed from the plumb line (20), having an extent substantially out from the body of a user, and a second edge part (12), which extends in the direction along the body of  
10 a user (10), the first opening (8) being placed along the first edge part (11) and the second opening (9) being arranged along the second edge part (12).
7. Mounting plate (1) according to any one of the preceding claims, characterized in that the first and/or the second opening is/are  
15 configured in the form of a slot, intended to receive and comprise first and second parts (6, 7) forming part of the harness (2).
8. Mounting plate (1) according to any one of claims 2-7, characterized in that the third and/or a fourth opening is/are  
20 configured with a circular or oval geometry.
9. Mounting plate (1) according to any one of the preceding claims, in which the harness (2) comprises leg straps (4) and a front connecting strap (7) between the leg straps, as well as a two-piece waist strap (6),  
25 characterized in that the first opening (8) is arranged to receive the front connecting strap (7) and the second opening (9) is arranged to receive the waist strap (6).
10. Mounting plate (1) according to any one of the preceding claims,  
30 characterized in that the mounting plate (1) and the harness (2) are designed for use by a human being.

11. Safety device comprising a mounting plate (1) intended for use together with a harness (2), the mounting plate (1) comprising a first opening (8) and a second opening (9), wherein a first part (7) of the harness (2) being arranged in the first opening (8) and a second part (6) of the harness (2) being arranged in the second opening (9), characterized in that the mounting plate (1) is plane in its extent and that, via the first opening (8) and the second opening (9), is arranged in the harness (2) in such a way that the mounting plate (1), when in use, juts out essentially at right angles from the body of a user (10) and extends in a vertical direction and where the second opening (9) is arranged so as to be located, when in use, at a second distance in the vertical direction (23) from the first opening (8).